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Human CSNK1A1L CRISPR gRNA in Lenti Particles

Overview	
Quantity:	3 x 300 μL
Gene:	CSNK1A1L
Species:	Human
Insert:	gRNA
Vector:	Lentiviral Vector
Application:	Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)
Product Details	
Purpose:	Set of 3 gRNA against CSNK1A1L in Lentiviral Particles with a Titer of >1x10e7 IU/mL. (Cas9 required separately)
Vector Backbone:	pLenti-U6-sgRNA-PGK-Neo
Promoter:	U6 Promoter, PGK Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Stable, Transient
Sequence:	Sequence available upon placing order
Specificity:	GRNAs are designed for use with Cas9 Nuclease only.
Components:	Lentiviral particles with a set of 3 gRNAs (3 x 300 $\mu L)$ covering different sequences of CSNK1A1L
Target Details	
Gene:	CSNK1A1L
Alternative Name:	CSNK1A1L (CSNK1A1L Products)

Target Details NM_145203 NCBI Accession: Application Details Application Notes: Recommended for quality control: Restriction Enzyme Digest and Sequencing Restrictions: For Research Use only Handling Format: Viral Particles Storage: -80 °C Expiry Date: 12 months **Publications** Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (Product cited in:

1991)